

Title (en)

Apparatus and method for transmitting/receiving channel quality information in a communication system

Title (de)

Gerät und Verfahren zur Übertragung und zum Empfangen von Kanalqualitätsinformationen in einem Kommunikationssystem

Title (fr)

Appareil et procédé pour la transmission/réception d'informations sur la qualité d'un canal dans un système de communication

Publication

EP 2197226 A3 20101124 (EN)

Application

EP 10003261 A 20060105

Priority

- EP 06000201 A 20060105
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- KR 20050018372 A 20050304

Abstract (en)

[origin: EP1679924A2] An apparatus and method for transmitting/receiving channel quality information (CQI) in a communication system having a frame including subchannels corresponding to the same frequency reuse factor or different frequency reuse factors. A base station (BS) allocates at least one of the subchannels in the frame to a subscriber station (SS), and sends a transmission request for a CQI for a subchannel desired to be received, to the SS. The SS measures channel quality for individual subchannels requested by the BS in response to the CQI request, and transmits the measured channel quality to the BS.

IPC 8 full level

H04W 24/10 (2009.01); **H04W 16/02** (2009.01)

CPC (source: BR EP KR US)

H04B 17/24 (2015.01 - KR); **H04B 17/336** (2015.01 - KR); **H04L 1/0003** (2013.01 - KR); **H04L 1/0009** (2013.01 - KR); **H04L 1/0026** (2013.01 - BR EP KR US); **H04L 1/0027** (2013.01 - EP KR US); **H04L 1/0028** (2013.01 - EP KR US); **H04L 27/2646** (2013.01 - KR); **H04W 16/02** (2013.01 - KR); **H04W 24/10** (2013.01 - EP KR US); **H04W 72/542** (2023.01 - KR); **H04L 1/0003** (2013.01 - EP US); **H04L 1/0009** (2013.01 - EP US); **H04L 1/0027** (2013.01 - BR); **H04L 1/0028** (2013.01 - BR); **H04W 16/02** (2013.01 - EP US); **H04W 24/10** (2013.01 - BR)

Citation (search report)

- [A] WO 0249305 A2 20020620 - BROADSTORM TELECOMMUNICATIONS [US]
- [A] WO 2004098072 A2 20041111 - MOTOROLA INC [US], et al
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Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

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DOCDB simple family (publication)

EP 1679924 A2 20060712; EP 1679924 A3 20101208; EP 1679924 B1 20170315; AU 2006204242 A1 20060713; AU 2006204242 B2 20100218; BR PI0606436 A2 20090630; BR PI0606436 B1 20190416; CA 2592758 A1 20060713; CA 2592758 C 20120417; CN 101133615 A 20080227; CN 101133615 B 20110525; CN 101827390 A 20100908; CN 101827390 B 20121024; EP 2197226 A2 20100616; EP 2197226 A3 20101124; EP 2197226 B1 20180307; JP 2008524913 A 20080710; JP 2011223614 A 20111104; JP 4805278 B2 20111102; JP 5259776 B2 20130807; KR 100617835 B1 20060828; KR 20060080519 A 20060710; RU 2007125310 A 20090110; RU 2364046 C2 20090810; US 2006148411 A1 20060706; US 2009303900 A1 20091210; US 7602843 B2 20091013; US 8090012 B2 20120103; WO 2006073271 A1 20060713

DOCDB simple family (application)

EP 06000201 A 20060105; AU 2006204242 A 20060105; BR PI0606436 A 20060105; CA 2592758 A 20060105; CN 200680007185 A 20060105; CN 201010144015 A 20060105; EP 10003261 A 20060105; JP 2007546576 A 20060105; JP 2011133049 A 20110615; KR 20050018372 A 20050304; KR 2006000042 W 20060105; RU 2007125310 A 20060105; US 32616006 A 20060105; US 54386109 A 20090819